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2/EMPIRE STATE ARCHITECT — SEPTEMBER-OCTOBER, 1966
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OFFICIAL PUBLICATION OF
THE NEW YORK STATE ASSOCIATION OF ARCHITECTS
State Organization of the American Institute of Architects

CONVENTION ISSUE

SEPTEMBER / OCTOBER, 1966

WORK OF WESTCHESTER
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COVER PHOTO: Model of $150 million Central Renewal Project proposed by and for the City of White Plains under urban renewal controls, prepared by Raymond & May Associates, Planning and Urban Renewal Consultants. No buildings have been designed as yet but property is being acquired and old structures demolished. Upper right triangle indicates, in block form, a planned Civic Center; spiral structure (upper center) is a parking garage.

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working hard to make electricity work harder for you.
It is my privilege and distinct pleasure to welcome all members of the New York State Association of Architects, their wives, our distinguished guests and our good friends, the exhibitors, to our annual convention. Once again, The Whiteface Inn on beautiful and serene Lake Placid in the Adirondacks is the setting for serious business as well as the lighter moments to be enjoyed this year.

Your State Convention Committee under the chairmanship of Gerson Hirsch and your Host Chapter Chairman P. Compton Miller have worked hard to completely revise the convention format so that your interest will be sparked from check-in to check-out.

You will have all received the program by the time this message is printed, and I am sure that its contents will instill your interest in attending.

The American Institute of Architects will be represented by the newly installed President, Charles M. Nes, Jr. F.A.I.A. and the speaker for the main banquet will be a personality of great interest to us all.

Our host chapter is Westchester and they have promised an architectural exhibit of our memberships' work, a ladies program, and a seminar, all of which will be without peer.

This year, Joe Addonizio, our active Executive Director, as well as your Convention Committee have worked side by side with a committee of the exhibitors in an effort to provide new and inspiring exhibits. There is no doubt that their efforts will bear fruit.

The 1965-66 year has been an important and consequently busy year for your officers and committee members. All efforts have not been fruitful, but great strides have been taken in many directions. For this reason, the first full day of the convention will be devoted to the serious business that must be attended to. Most important will be the report of the Evaluation Committee and the legislative strategy that must be taken next year.

It will be my personal pleasure to greet the stalwart convention goers and hopefully many, many new faces as well at Whiteface Inn from October 5th through October 9th.

Millard F. Whiteside
PRESIDENT
At first glance this Convention looks like a near-monopoly of the Westchester Chapter, A.I.A. This is, at least in part, inaccurate and coincidental. Your Chairman was appointed to the Convention Committee and slated for his present job over a year ago, and many months before Westchester offered to be, and was accepted as, Host Chapter. The heritage of Seymour Goldstone and earlier past chairmen and their able committees has been ours to use. Stanley Klein as Vice-Chairman has been of major help, and of course our central office under Executive Director Addonizio has been, to mix metaphors, the catalyst and the workhorse.

For the Westchester Chapter, principal credits go to Robert Crozier, President, and Compton Miller, Host Chapter Chairman. Under their leadership much of this issue of ESA was assembled, stationery designed, architectural exhibits, seminar, and other activities planned for your edification and enjoyment.

Somewhat experimentally, this year's schedule has been organized to complete Association business effectively, while allowing more social, educational, and recreational opportunities. New timing of some major events will, we hope, prove more pleasant as well as more constructive.

Check your programs, attend meetings, vote as delegates, visit exhibits — and have a great time.

Sincerely,

Gerson T. Hirsch
Chairman, Convention Committee
N.Y.S.A.A.
You might have to play the waiting game for a taxi, your laundry, or a haircut.

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NEW YORK STATE ASSOCIATION OF ARCHITECTS
ANNUAL CONVENTION
PROGRAM

WEDNESDAY  
OCTOBER 5  
Arrival at Whiteface Inn before or after dinner (No events scheduled)

THURSDAY  
OCTOBER 6  
A.M. 9:30-12:00 General Registration
10:00-12:00 Opening Session, Annual Meeting

NOON 12:00 Ladies Luncheon, including Cocktails and Fashion Show, in the Dining Room

P.M. 12:30-2:00 Opening of Exhibits with Exhibitors' Cocktail Party and Buffet Luncheon for Architects and Male Guests
2:00-5:00 Continuation of Annual Meeting
2:30-5:30 Registration (Delegate Registration closes at 5:30 P.M.)
6:30 Host Chapter Cocktail Party, Exhibit Areas
7:30 Dinner Honoring Past Presidents Keynoter: Charles M. Nes Jr., FAIA President, American Institute of Architects

Evening Activities
Dancing in Colony Room;
TV in Game Room;
Cards in Adirondack Lodge

FRIDAY  
OCTOBER 7  
Recreation Day—Side trips, touring, golf, shopping, etc.

A.M. 9:00 Tee-off Time – First Annual Architects vs. Exhibitors Golf Match
10:00 Polls Open for Election of Officers (Voting by Delegates)

P.M. 1:00 Luncheon – No Formal Program
3:00-5:00 Seminar
"RESPONSIBILITIES OF THE ARCHITECT"
Moderator:
Morris Ketchum, Jr., FAIA
Past President AIA

Seminars Participants:
Building Contractors:
Charles F. Dalton, President
John Lowry, Inc.

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Earl Ferguson, Supt. of Bldgs.
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Insurance and the Law:
J. Watson Lynche, Vice Pres.
Flynn, Harrison & Conroy

5:30 Polls Close for Election of Officers
6:30 Cocktail Party in Exhibit Areas
Host, Whiteface Inn

7:30 Awards Dinner
9:30 Party Night – Arranged by Host Chapter

SUNDAY  
OCTOBER 8  
A.M. 8:30 Chapter Presidents’ “Hangover Breakfast”
10:00-12:00 Final Session, Annual Meeting

P.M. 1:00 Luncheon – Drawing for Prizes (Winners must be present)
3:00 Afternoon of Recreation
3:30 NYSAA DIRECTORS' MEETING
6:00 Cocktails – on your own
7:30 Annual Banquet (Black Tie Preferred) Formal Installation of New Officers, Main Guest Speaker
10:00 Dancing, TV, Games

10 / EMPIRE STATE ARCHITECT — SEPTEMBER-OCTOBER, 1966
Covering some 2½ acres, the new Dane County Memorial Coliseum at Madison, Wisconsin is a beautiful umbrella of Fenestra cellular steel folded plate. Equipped to provide "home ice" for University of Wisconsin hockey and already booked for the 1968 American Bowling Congress, the new arena will provide 7600 upholstered, theater-type seats for all kinds of shows, exhibitions and indoor sporting events. The 18" wide flange beams spanning from the compression ring at the center to the exterior columns, serve as valley support for the acoustical ‘D’ Panel folded plate sectors. The ridge fold line member is a 120° structural angle. For the complete engineering information on cellular steel folded plate, call your Fenestra representative or write Fenestra Incorporated, Lima, Ohio 45802.

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ALL OF US ARE LOOKING FORWARD TO being back at our favorite convention location, Whiteface Inn on Lake Placid, October 5th to 9th. The entire place will be ours — no other conventions or strange faces to crowd or annoy us. The beauty of the fall foliage will be at its height and the shimmering lake will be the clearest of waters.

Wednesday, before and after dinner, will see the arrival of the conventioneers with their wives and the panelled walls will ring with the hellos and laughter of the gathering throngs.

Thursday morning will be the first session of the Annual Meeting. It will be followed at noon time by the opening of the exhibits with the Exhibitors' Cocktail Party and Buffet Luncheon for the men only and a real get-together Cocktail Party and Buffet Luncheon and Fashion Show for the gals. The afternoon will continue the business meeting getting most of the work finished early in the convention. The Host Chapter Cocktail Party will precede the Dinner Honoring Past Presidents which will be keynoted by Charles M. Nes, Jr., FAIA, the new President of the American Institute of Architects.

Friday will be an innovation for convention goers, Recreation Day. The First Annual Architects vs. Exhibitors Golf Match will tee off at 9:00 A.M. and by the time the players reach the back nine a large gallery is expected to be following. For the non-golf enthusiasts, there will be time for sightseeing, shopping, etc. Besides the afternoon Seminar and voting for officers there is nothing formal all day long. The Whiteface Inn Cocktail Party and the Awards Dinner will be followed by the Host Chapter Party Night.

Saturday will commence with a bang for the not so wide awake Chapter Presidents with a "Hangover Breakfast" followed by the final session of the Annual Meeting. Luncheon will include the Drawing for Prizes (winners must be present). Have an afternoon of fun doing whatever you please, golf, shopping, tennis, canoeing on the lake, a trip up Whiteface Mountain, etc. except for the unlucky NYSAA Directors who must attend a meeting. Arrange your own cocktail parties before dinner which precedes the Annual Banquet (Black tie preferred), the principal Guest Speaker and the Formal Installation of New Officers. Dancing, of course, will follow.

Sunday, goodbye and please drive home carefully.
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14 / EMPIRE STATE ARCHITECT – SEPTEMBER-OCTOBER, 1966
THE COUNTY OF WESTCHESTER

By Robert W. Crozier
President
Westchester Chapter AIA

THE COUNTY OF WESTCHESTER HAS AN area of 450 square miles with a population of more than 800,000. The assessed value of real estate exceeds $3,000,967,000, which is greater than any one of 22 states in the nation. With more than $12,000 a year as an average household buying power, Westchester ranks first in the nation.

Westchester is primarily a county of homes, balanced by successful retail stores, large and small, executive offices for many national firms, research laboratories, distribution plans and light manufacturing units. The southern communities bordering on New York City have a distinctive urban or suburban atmosphere and there is a gradual change as one goes to a country atmosphere. Almost all areas of the County have easy access to Long Island Sound, the Hudson River and many small lakes, or to forests and rolling hills.

Recreation areas, both private and public, through the careful planning of the County Planning Commission, are numerous and well located. A resident of the County has access to all forms of recreation from boating, golfing to ice skating or skiing.

The practice of Architecture has gradually grown from the one man office doing mainly residential work to firms varying in size and designing buildings for education, industry, commerce and municipal as well as residential use. The following pages show a few examples of the work done by some of the County's architectural firms.
The Chapel of Our Lady of the Angels was built for the Sisters of St. Francis Mission of the Immaculate Virgin as an addition to their Motherhouse near Hastings on the Hudson, New York. The Chapel is circular in form, the plan conforming with the most recent liturgical requirements. The shape permits seating the community as close to the main altar as possible. The sea-shell like character stems from a basic theme established by the Sisters. Wing walls form window alcoves around the circumference which are settings for colorful epoxy and stained glass window panels patterned on designs inspired by the life of St. Francis of Assisi by Donald Shepherd of Jonyas & Shepherd. The structure is of reinforced concrete, roofed by a post tensioned steel and concrete slab and girder system clear spanning 83 feet. The interior wall surfaces undulate in soft curves to meet acoustical requirements. Nave and Sanctuary floors are of terrazzo for maintenance beauty and durability. The Chapel is air conditioned. A balcony cantilevers into the main Chapel space and is directly accessible to the senior sisters living quarters. The exterior surfaces of the building, bell tower and the passage connecting to the Motherhouse are finished in brick harmonizing with the existing building and were conceived as foils for the delicate tracery of the abundant foliage extant on the site.

Kiff, Voss & Franklin, Architects, the Office of York & Sawyer designed the building which was constructed by A. M. Hunter and Son, Inc. The Structural Engineers were Edwards & Hjorth and the Mechanical Engineers were Frank J. Sullivan Associates.
A typical Parish Church for a self-contained suburban community, limited to a maximum of 600 seats.

The Plan was evolved from the fan-shaped solution where the apex is the center of all attention, and the peripheral seating is held to a minimum distance by progressively increasing seating arcs. Thus the seating of 600 is accomplished with only 13 rows of Pews.

The sidewalls were designed as solid visors, both to avoid distraction and to serve as thrust-absorbing panels; walls were staggered to provide buttressing effect.

The rearwall was opened into an all-glass mosaic to provide natural lighting, to inspire the communicant, and to retell the life of Christ in terms of the patron Apostle's experiences.

The ceiling was vaulted to further concentrate spatially on the Sanctuary, to gain height, and to recollect the scallop shell symbolism of the Patron.

Structural materials and systems were those commonly utilized in suburban light commercial construction; finish materials were those commonly found in contemporary domestic architecture.
This building replaces an existing small wood frame Novitiate and is designed to accommodate 30 Postulants and 30 Novices on three floors of a fireproof building. The basement level facilities include a Community room, Refectory, Kitchen, Laundry, Sewing Room, Library, Classroom, Instructor's Office, Gymnasium, Storage Areas and Mechanical Equipment rooms. The first floor provides Cells and service areas for 30 Novices, an Infirmary, a special Chamber and Study Suite for the Superior, and a balcony overlooking the Hudson River. Off the main Entrance Lobby are two reception Parlors, one of which can be utilized as the Superior's Office. Adjoining the main Lobby is an Inner Lobby leading into a Private Chapel containing pews for 96 persons.

The second floor provides Cells and service areas for 30 Postulants, an Infirmary, a Balcony overlooking the Hudson River, and an Assistant Superior's Chamber and Study Suite. It has concrete foundations and a steel frame structure faced with brick, limestone, and precast concrete panel trim. The Chapel framing consists of laminated wood arches covered with wood decking, exposing the natural wood finish on the interior. The floor construction consists of poured concrete on corrugated metal forms, finished with resilient flooring in Cell rooms and Terrazzo or Ceramic Tile in other areas. Interior wall finishes include plaster, ceramic tile, masonry units and wood panelling. Ceilings are finished in plaster and acoustical tile.

The Chapel roof is covered with copper. The roof over the main building is flat poured concrete slab covered with insulation and built-up roofing. The building is heated by oil fired steam boilers. Air Conditioning is provided for the Chapel, Gymnasium, Community Room, Sewing Room, Refectory, Classroom and Library.
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The stress is on overall simplicity. The basic structure is to be exposed concrete and plate glass with slate flooring. The building incorporates the recent changes in the Church liturgy by locating the altar in the center of the congregation, with a central rectory behind the sanctuary, and a side Day Chapel. Capacity: 800 persons. Estimated Cost: $750,000.
COLLEGE BUILDING AND CONVENT — MARY ROGERS COLLEGE — MARYKNOLL, NEW YORK

This building will provide 108,000 square feet of new facilities for the training and housing of the Mary-Knoll Sisters of St. Dominic prior to their assignments throughout the world, and will contain 12,000 square feet of space for the storage and shipping of clothing, educational and medical supplies to all the Maryknoll Missions. It is located adjacent to an existing Motherhouse situated high above the Hudson River in Maryknoll (Ossining) New York.

It consists of three main floors 177' square, with three lower levels staggered down a steeply sloping site, and a three story corridor connecting it to the Motherhouse. Construction is fire proofed steel frame with bar joists and concrete slab protected by a three hour suspended acoustic ceiling. The exterior is faced with a ranged ochre-brown face brick to match the existing building, with dark brown brick spandrels under bronze colored aluminum windows. The shipping and storage facility is on the middle lower level above the mechanical level. The uppermost level houses the lower library, reading, and lounge areas, overlooking an existing Japanese Garden. The first floor, approached by a foot bridge from the parking area, contains classrooms, laboratories, administrative offices and the main library which has an open well to the lower library. The second and third floors contain individual cells (sleeping rooms) for 190 sisters, two large community rooms and 4,300 square feet of open interior court at the second floor level.

Scheduled for occupancy in early 1968, it will cost approximately $3,250,000.00.

OWNER:
MARYKNOLL SISTERS OF ST. DOMINIC

ARCHITECTS:
KIFF, VOSS & FRANKLIN
THE OFFICE OF YORK & SAWYER

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WHAT'S ON THE ARCHITECT'S MIND?
by Robert L. Corsbie*

THE ARCHITECT FORSEES THE FUTURE

The architect by profession forsees the future and his prophecies influence and control man's physical environment. His achievements are equated with his education, training and experience, the friends he has gained and the books he has read, and all seasoned and enhanced by vision, courage and common sense. Creativeness alone in the architect gives him too small a role in this restive, turbulent nuclear and space age into which we are well advanced. He must take an interest in things outside his discipline. He must understand the world in which he lives to qualify as an interpreter and producer for it.

THE ETHICS OF THE PROFESSION

In our training and in our work, it is accepted that in the profession of architecture are men and women of the highest integrity, business capacity and artistic, scientific and technical ability all as required by the American Institute of Architects and the "Standards of Professional Practices and Procedures".

To live up to his image, the responsible architect will not hide behind "grandfather" clauses in contracts, condemn materials or workmanship to cover his own mistakes or resort to "double talk" clauses in specifications because he cannot make up his mind. Neither will he agree on or approve substitute materials, equipment, designs or equipment about which he knows little without proper testing and investigation nor certify that completion of a structure is in accordance with plan and specification when to his knowledge it may or may not be so. There are others, but these are ever present, day-to-day guidelines of the responsible architect and he should expect no special recognition, no croix de guerre in carrying out these responsibilities which are equally applicable to all projects whether in the school of skin-and-bones, Easter hat, hair-shirt, nuts and berries, bumps, temple or what-is-the-latest chant.

In the interest of his client and the public the responsible architect must with determination seek the best collective thinking, experience and efficient methods of administration of his fellow architects, so as to remove artificial barriers and gain time to handle the myriad design, economic and construction problems which evolve from advancing dynamic technologies; inventive and complex structures and the accelerating flow of new and not yet proved materials.

THE CHANGING WORLD AND THE HERETICS

These are good, sound, basic ground rules. But today's responsible architect must understand some things from the past human evolutionary process of about 2700 million years if he is to cope with the 2700 million years yet to go. Now at the halfway mark, enquiring man has become conscious of himself and of his environment. This human environment is a collection of biological and physical facts, described as the space which surrounds human movement, work, habitation, rest and mobility - towns and villages, urba and suburbia, the rural and the accessible virgin landscape.

*General Partner, Rose Beaton, Corsbie, Dearden & Crowe, Architects and Engineers, White Plains, New York
From megayear to kilayear to hectayear to decayear, this human environment continually reflects the ebb and the flow and the action and counteraction of the human race which owes most of its best artistic, scientific and social buildingstones to its heretics. Independent of tradition, family, tribal law or authority, sheriffs, mayors, governors or presidents, this inquiring group puts into practice changed beliefs and behavior patterns to replace the old and to fit tested new experience and knowledge into the balance of nature with man.

THE INFORMATION EXPLOSION

The responsible architect must understand these forces. Keeping up with the lay and professional heretics is a hectic, frustrating rat-race. The responsible architect struggles to do what he ought to do by picking the brains of individuals and groups and by voodoo-magic in grasping and snatching tidbits from the publisher's exploding cornucopia of about 21,000 annual new books, 8,000 new editions of old books, 24,000 periodicals and 80,000 technical reports, to say nothing of the more than 180,000 scientific articles which appear in the 15,000 to 20,000 journals distributed at different time intervals, but most too frequently. The presses spew forth more than he can read. The architect tends to lose ground in this unequal contest.

THE URBAN DESIGN CHALLENGE

To cite a major problem which challenges the total professional armory of the responsible architect, let's look at the seething population versus the urban community.

Over the post war years of advancing living standards, the slum problems of our American cities have been worsening. Today, some 20 million Americans live in dwellings that are beyond rehabilitation. They are decayed, dirty, rat infested, without decent heating, lighting or plumbing. The people of the city's blighted centers who join the outward movement away from the slums to seek a better living environment are outnumbered by the inward migration. The total population of these slums increases by daily replenishment of migrants — semi-literate, low income, and mostly of rural origin. They move to cities to seek employment in industry. Many are members of racial minorities without experience in standards of sanitation and ignorant of the principles of building maintenance and social responsibilities; most have no experience in how to live in cities. This build-up of have-not islands of people has produced stagnant, decadent areas, heavily oriented to welfare subsistence, which are vitiating the urban community.

The federal, state and local approach to sound, long range, urban, suburban and sub-suburban planning has been myopic, uncoordinated and feudalistic, and thinking has not kept pace with the physical, social and human needs of the population, nor with the advancing technologies of building. Our efforts to make the city compatible with the environment created
everywhere else for man by science and the machine have been puny. We have only begun to solve the crises in our cities.

THE POPULATION EXPLOSION

The changing population problem is not improved by the predictions of population growth. At present there are about 192 million people in the United States. In five years, the number is expected to rise to 206 million, and by 1975 to 220 million. The rate of world growth is 175,000 persons a day, or about 80 million a year. Today 70 percent of the population is concentrated in the urban and suburban communities which occupy about one percent of the nation's land. In the next 30 to 40 years, or the year 2000, an estimated population of more than 330 million may occupy about 2 percent of this land. Reactionary zoning ordinances and building codes are increasingly hard pressed to hold the line against this ever increasing pressure of mobile people in search of living and business space and in need of land. This coupling coefficient needs attention. We are running out of urban and suburban land and common sense tells us to make better use of what we have. Otherwise, the city and its satellite neighbors are in danger of choking to death of their own growth.

THE ARCHITECT AS SEEN

BY HIMSELF AND OTHERS

Let's return to the architect, his role, his capacity, his relevance and in an elemental way ask again "what is an architect?" According to Fortune Magazine, a study conducted by Dr. Donald M. MacKinnon at the University of California concluded that architects see themselves in priority as imaginative, active, honest, idealistic, inventive, artistic, civilized, conscientious, intelligent, reasonable, adaptable, determined. Dr. MacKinnon's psychological experts agreed that architects are examples of (1) both artistic and scientific creativity, but a danger signal was flashed by adding that creative architects are less interested in group activities or team efforts than any of the other groups tested. In the same piece it was said that all at once the nation wants an architecture to match the glory of its machine, and that a bull market exists in cash and desire to create this upgraded and sophisticated design, redesign, and future design but questioned the capacity of "this tiny, groping profession" to meet the challenge.

THE NUMBERS GAME

As an exercise in gamesmanship, let's accept the flattering conclusion that architects are examples of (1) both artistic and scientific creativity, 2) the unflattering conclusion that creative architects are not enthusiastic about group activities and 3) the speculation that we are tiny and groping. Without desire to deny the flattering conclusion nor space to argue the flattering conclusion, let's pick up the meat axe but no scalpel to autopsy the speculation on our actual capacity to be architect for the nation's present and exploding population.

Yes, we are small in number. We agree with Fortune that there are about 30,000 architects in the United States. This approximates one architect per package of 6,400 citizens as compared with one engineer per 200, one accountant per 450, one doctor per 730, and one lawyer per 850. The architectural firms number about 10,000. This means one firm to serve 1,920 persons or 5,500 client-families. Let's make believe that each of these 10,000 firms completes 100 client-family projects each year, or 1,000,000 projects. Then the profession would serve directly 3,500,000 persons or less than two-tenths of one percent of the estimated 192,000,000 population. On this basis if the firms grew from 10,000 to 50,000 the clientele would be less than one percent of the population. We are thinly spread for direct influence, but the picture is brighter if the aesthetic values of our production positively influence all exposed to it. What is the number?

This scenario has gone far enough. The challenge is overwhelming and the need to grow overriding. Somewhere between our professional output and the actual national construction volume there must be self-appointed experts and others under nom de plumes of uncertain origin but promising rewards who are trespassing.

The responsible architect should be interested in who's jerking the rug out from under him and in doing something about it. One thing is certain, the profession should needle and support the architectural schools to qualify more than the piffing 2,500 graduates of 1965 which just about offsets the decimation of the 30,000 by death, fatigue and Medicare. This casts a shadow over our future.

A REAPPRAISAL

The responsible architect and the profession are overdue for critical reappraisal of capacity, qualifications and foresight. Like research this means thinking about what we are going to do when what we are doing now no longer makes any sense. A summary of things to think about to improve our posture, brighten our image and gain national prestige might include:

1. Fee schedules - are they marginal or too low for realistic professional services?
2. It is more than harmless bragging to say that we are ready to respond to millions of requests in support of the national beautification program and the great society?
3. Are we doing enough to rethink, enlarge and re-equip our education plants with curricula looking to 20 years ahead?
4. Are we supporting research in architecture consonant with the importance of our mission and compatible with other disciplines?
5. Are our public relations in the community and elsewhere geared to community needs and to the desired image and posture of the responsible architect or do our flickering lamps of influence leave us to walk in the dark and our ingrown zealouosness for the profession delude our foresight and mute our dialogue? (continued on page 22)

One client-family is estimated at 3.5 persons.
NATIONAL BANK OF WESTCHESTER — JEFFERSON VALLEY, NEW YORK
BRUCE P. HELMES, A.I.A. — ARCHITECT

"rustic materials using fieldstone for walls and thick butt wood shakes on roof”.

DE SINA & PELLEGRINO — ARCHITECTS
ST. ANTHONY'S R. C. CHURCH — HARRISON, NEW YORK
WHAT'S ON THE ARCHITECT'S MIND?
(continued from page 21)

SUMMING UP

While the society we serve has changed, our legacy of masterpieces of buildings, art, and science continue to illuminate our discipline. We lean selectively and discriminately on them in reflections of the past, the present and the future, and sniff the nostalgia of what we should not attempt to realize in the present. But we do play the role of the interpreter and judge that part of the past which is worthy of the present and beyond. In this our products must face the critic in his attempts to make them relevant to our time, and relevance is the key word in design and creativity. It lies somewhere between erudition and interpretation. The responsible architect will not take this lightly in pursuing a variety of design with less emphasis on the idealistic and absolute and more realistic professional judgement on fitting the solution to the need which the architect of today so sadly wants and that of the future so desperately needs. And it is rewarding and sobering in contemplating these monumental challenges that confront us to distinguish between what some regard as architectural insults to the environment and visual pollution of the atmosphere and the qualities others, such as Howard Nemerov in his verse "Human Things," find in the same environment.

HUMAN THINGS

When the sun gets low, in winter,
The lapstreaked side of a red barn
Can put so flat a stop to its light
You'd think everything was finished.

Each dent, fray, scratch, or splinter,
Any gray weathering where the paint
Has scaled off, is a healed scar
Grown harder with the wounds of light.

Only a tree's trembling shadow
Crosses that ruined composure; even
Nail holes look deep enough to swallow
Whatever light has left to give.

And after sundown, when the wall
Slowly surrenders its color, the rest
Remains, its high, obstinate
Hulk more shadowy than the night.
LAKE STREET HOUSING PROJECT (LOW RENT) WHITE PLAINS, N. Y.

OWNER:
HOUSING AUTHORITY,
CITY OF WHITE PLAINS, N. Y.
U. S. PUBLIC HOUSING ADMINISTRATION

ARCHITECT:
GIBBONS & HEIDTMANN

Eleven stories on a sloping site with two grade level entrances to first floor from parking area and to second floor from street. Grade level apartments have their own private entrances. All upper floor apartments have private balconies. Brick and concrete with reinforced concrete frame. Ninety five apartments.
This 162 unit apartment complex is 6 stories at the street and 7 stories toward the Hudson River. The additional story on the river side wing provides a covered recreation area below the building, assuring continuous use of the land. A fresh water swimming pool, recreation and play area, and a marina for smaller boats complete the outdoor facilities. Cars can be parked outdoors and in a garage below the building.

The building is serviced by 3 elevators in a central core, with laundries and storage space on each floor. A large lobby affords a view of the river as well as towards the street.

The steel frame is fireproofed with concrete, which appears on the elevation as a white frame around dark glazed brick. Partially open balcony railings are concrete and aluminum.

The area of apartments averages 1100 square feet for two bedroom units, and duplex units going through the building provide every apartment with a view of the river.
MOUNT PLEASANT PUBLIC LIBRARY — PLEASANTVILLE, NEW YORK

OWNER:
TOWN OF MOUNT PLEASANT AND VILLAGE OF PLEASANTVILLE (JOINT LIBRARY DISTRICT)

ARCHITECT:
GIBBONS & HEIDTMANN

Main floor with mezzanine and basement. Public entrances from street and from parking area. Stone and copper with reinforced concrete and structural steel frame. 22,500 sq. ft. and 95,000 volumes.
New environmental control with Glass Conditioning* from PPG

The glass you select to control heat loss on the north side of a building may not be the best glass to use on the south side. Each elevation presents a different problem. PPG has the full range of environmental glass to control glare and reduce heat gain or loss for optimum comfort and economy on every exposure of any building.

Your PPG Architectural Representative can bring the advantages of Glass Conditioning to your building. He can help you select the right glasses to provide maximum indoor comfort while contributing materially to lower heating and air conditioning costs. Call him or write: Glass Conditioning Services, Pittsburgh Plate Glass Company, One Gateway Center, Pittsburgh, Pennsylvania 15222.
MARYMOUNT COLLEGE — LIBRARY AND STUDY CENTER  
TARRYTOWN, NEW YORK

ARCHITECT:
ROBERT ALFRED GREEN

The extreme slope of the site dictated the main entrance to be at the third floor level, reached from the driveway by a “plaza-bridge”, which also provides separate access to the Lecture Room below. Ample window area has been provided to harmonize with the adjacent structures and to take advantage of the magnificent panoramic views. The Lecture Room is located on the “bank” side of the building to conform with the natural slope of the site and at the same time fulfilling the need for direct access from the campus.
Located on a lake in a heavily wooded area, this residence for an executive and his family, was designed for daily use of adult and children entertaining as well as business entertaining. The bedroom wing is located to give maximum privacy with the added feature of affording an excellent view from the master bedroom suite. The rustic wood shingle roof and rough-sawn cypress siding achieve a natural blend of the structure with the site.
CLARKSON COLLEGE OF TECHNOLOGY
THE ARTS & SCIENCE CENTER

ARCHITECTS:
THE PERKINS & WILL PARTNERSHIP

Site Plan

Lecture Center Plan

34 / EMPIRE STATE ARCHITECT — SEPTEMBER-OCTOBER, 1966
The Arts and Science Center is the first academic building for the new "Hill Campus" of Clarkson College in Potsdam, New York. It has four elements, three of which house laboratories, classrooms, and faculty offices. The fourth element is a circular building which houses five multi-media lecture rooms and supporting projection and preparation areas. The entire 150,000 square foot complex is linked together allowing covered passage from one building to another, a necessity in the cold Potsdam winters. The laboratory-classroom wings are planned on a "loft" principle allowing interchangeability of laboratories, classrooms and faculty offices to accommodate future expansion and curriculum changes. Exterior corridors provide unencumbered interior space for these functions and also provide a thermal buffer between the laboratories and the exterior.

The structural and mechanical systems have been designed to provide for future alterations. The basic structure is of reinforced concrete and provides a central "backbone" in which basic utilities for the laboratories are run. Perpendicular to this spine are concrete "ribs" which support the floor slabs and also allow utility run-outs to individual lab table locations. All structure and utility runs are exposed for accessibility. Ducts for both conditioned air supply and exhaust air from the laboratory fume hoods are accommodated in air shafts on the exterior of the building. These shafts are accessible from the corridor through removable panels so that up to six fume hood exhaust ducts can be accommodated in the future. Each lecture room in the lecture center is planned for conventional presentations as well as multi-media rear screen projection. There is one room to accommodate 300 students and four 75-student rooms which can be combined to provide two 150-student areas through the use of movable partitions.
Look what's happened to the old steel door!

It used to be the ugly duckling of the construction industry. Now it poises, now swings with stately grace, proudly at the beck and call of the sophisticated architect.

What we're saying is that Ceco "Colorstyle" Décor Doors live up to a reputation. Used by you, they take on the luster of your artistry. They are worth considering in this light.

For instance, you can shop for what you want through countless variations. The doors come smooth or embossed, and in the most appealing colors.

To keep the doors pristine, we ship them in polyethylene bags inside cartons. Your contractor erects them bagged and keeps them bagged. He puts the hardware on right through the polyethylene. The bags stay on till clean-up time.

Ask for catalog 2063-B, or better still, ask for a Ceco man to bring samples to your office. The Ceco Corporation, general offices: 5601 West 26th Street, Chicago, Illinois 60650. Sales offices and plants in principal cities from coast to coast.

CONTACT YOUR AREA
SALES OFFICE:

Hillside, N. J. 07205 • 625 Glenwood Ave.

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Deluxe facilities for studio and one to three bedroom suites. A composite steel and reinforced concrete construction with pierced brick terrace walls and maximum glass areas for panoramic viewing pleasure. A utility — structural core contains elevators, stairs, plus tenant, custodial and utility services.

ARCHITECT:
ROBERT ALFRED GREEN

 "OCTABUILD" APARTMENT BUILDING
TARRYTOWN, N. Y.
RESIDENCE OF MR. & MRS. RAYMOND HERRMANN — BEDFORD, N. Y.

ARCHITECTS — LIVINGSTONE ELDER AND GARDINER ANGELL
Located in an area wavering between commercial and industrial uses this building has been designed as a flexible concept, partially for industry and partly for offices of multiple tenancy.

The site is 125' wide by irregular depths up to 118', with a total land area of over 14,000 square feet, of which the building will occupy about 9,500. For better site utilization, it will be built back to the rear line, along the railroad right-of-way, and set back 20' from the front property line.

Basically, an open area of about 5,600 square feet on the main floor is designed for warehousing or light manufacturing, with a 13' ceiling height and a loading dock at truck level. Directly connected is an office area of 1300 square feet.

The balance of the first floor, beside utilities and a lobby, provides an additional 1100 square feet of offices which can be rented separately. By the omission or removal of certain non-bearing partitions, most of this space can become part of the warehouse or manufacturing area, and some could provide private office space for industrial management personnel.

The second floor, covering only about one third of the building, is entirely office space, rentable areas totalling about 2400 square feet. An additional 1500 square feet of well lighted office or work space is gained in the basement by virtue of the raised position of the main floor.

The rest of the basement level is devoted to parking, which, with the front and side units will provide total space for some forty cars.

The brick front and end returns, is combined with a large facade of window wall. Construction will be chiefly of masonry, steel, and concrete.
LAWRENCE OTTINGER RESEARCH CENTER — BREWSTER, NEW YORK

OWNER: U. S. PLYWOOD CO.

ARCHITECT: GIBBONS & HEIDTMANN

One story of stone and wood with series of intersecting folded plate roofs. Offices and labs are planned around an interior court. Perimeter is sawtoothed in plan and integrated with fenestration for maximum control of natural light.
PROPOSED
BY-LAW AMENDMENTS

COMMITTEE ON BY-LAWS
S. A. Goldstone, Chairman
H. Aaron Shopsis
Albert C. Brevetti
Trevor W. Rogers

In accordance with the provisions of Article X, Section 1 of the By-Laws, (requiring a minimum of 45 days' notice to the secretaries of the constituent organizations prior to the annual convention), following are the By-Law amendments which have been recommended for submission to the delegates at the annual meeting and convention:
(Present and Proposed By-Law changes are herewith shown)

Present By-Law

Article II, Section 1 — Membership

Section 1. The association shall function in local areas through non-profit organizations, objects and purposes of which shall be similar with those of the association. Membership organizations shall be called "Constituent Organizations," which function:

a) Under a charter granted by the American Institute of Architects;

b) As the following architectural societies:
   Brooklyn Society of Architects
   New York Society of Architects.

Proposed By-Law

Article II, Section 1 — Membership

Section 1. The association shall function in local areas through non-profit organizations, objects and purposes of which shall be similar with those of the association. Membership organizations shall be called "Constituent Organizations," which function:

a) As a Chapter of the American Institute of Architects operating under a charter granted by the A.I.A., or any duly constituted subsidiary thereof.

b) As an Architectural Society presently enrolled as a Constituent Organization of the New York State Association of Architects.

Explanation — In view of the possible change of status of the Brooklyn Society of Architects, the Rockland Society of Architects and the Puerto Rico Section of the New York Chapter, A.I.A., it is deemed advisable to clarify Article II Section 1 of the By-Laws to provide for any possible future membership changes within the Organization. It is felt that the proposed By-Laws change outlined above will satisfy any foreseeable sub-divisions or amalgamation within the existing structures.

Present By-Law

Article II, Section 2 — Membership

Section 2. There shall be three classes of membership. Any persons of good character shall be eligible for membership under the following categories:

a) Constituent Members
   1. Registered architects who are corporate members in the A.I.A. in good standing in a Chapter in New York State.
   2. Registered architects not members of the A.I.A., who are members in good standing in a constituent organization of the Association.

b) Associate members of constituent organizations who are in good standing in such organizations. Associate members do not have the right to vote.

c) Members, Emeritus. Every retired member of the Association as defined in these By-Laws.

Proposed By-Law

Article II, Section 2 — Membership

Section 2. Membership in this Association shall be limited to persons of good character, allied with the profession of architecture, and qualifying under one of the following categories:

a) Constituent member: An Architect whose registration is currently in force in the State of New York, and who, additionally, is a member of good standing as:
   1. a Corporate or Professional Associate member of a constituent organization which functions as a chapter of the American Institute of Architects
   2. a full member of a constituent organization not affiliated with the American Institute of Architects (as described elsewhere in these By-Laws)

Constituent members shall enjoy full rights and privileges accorded by these By-Laws. They shall be entitled to vote on any matters related to the Association, to serve as delegates to the Annual Convention, to serve on any committee which the Association may create, and be eligible to election as an officer or director of the Association.

b) Associate member: A person not necessarily a registered architect, whose qualifications for membership are in accordance with the By-Laws of one or more constituent organizations with which he is affiliated.
An Associate member shall be entitled to attend the annual meetings of the Association and participate in the functions attendant thereto, provided that he shall not be recognized as a delegate representing a constituent organization nor having voting privileges in the business sessions. As Associate member, he shall not be eligible to become an officer or director of the Association, nor shall he be a member of a policy-forming committee.

c) Member Emeritus: Any constituent member of the Association who has retired from active practice or who has become incapacitated to the extent that he is no longer able to engage in architecture; who has been a member in good standing in one or more constituent organizations of the Association for fifteen successive years prior to his application for this membership category and who shall furnish evidence that he is eligible to become a Member Emeritus of a constituent organization with which he is affiliated.

The Board of Directors shall be empowered to consider the application of a Member Emeritus whose fifteen years of previous membership include architectural organizations other than the Association.

A Member Emeritus shall be accorded full rights and privileges of a constituent member.

A Member Emeritus shall be relieved from payment of dues to the Association, effective as of the first day of the year following his admission into this category. All members in good standing in the categories listed above shall receive each issue of the official publication of the Association, together with such documents, bulletins and items of information as may, from time to time, be disseminated to the general membership.

Explanation — The foregoing change, except for the rights and privileges of a Member Emeritus, which prohibited his becoming an officer or director of the Association, was adopted at the 1965 Convention. The reason for the deletion of this prohibition is to bring the New York State Association of Architects By-Laws into agreement with the A.I.A. By-Laws and policies. The Institute By-Laws provide for full rights and privileges for a Member Emeritus, similar to those of a corporate member, without exception. Since A.I.A. approval of the Association By-Laws is mandatory, the By-Laws as approved at our 1965 Convention must be corrected and resubmitted for approval.

NOTICE OF PROPOSED INCREASE IN DUES

The following notice was sent to Presidents, Secretaries of Constituent Organizations, NYSAA Officers, Directors, and Past Presidents NYSAA on May 2, 1966.

Please be advised that at a meeting of the Board of Directors held on April 30, 1966, the following motion was unanimously adopted:

"It was moved and seconded that the Board of Directors shall recommend to the 1966 convention an increase of $6.00 in the annual dues of constituent and corporate members (from $9.00 to $15.00), and an increase of $2.00 in the annual dues of associate members (from $3.00 to $5.00)."

The proposed increase is based on the need to expand the services of the Association, to provide the resources necessary to meet the membership demand for a greater scope of activities, and to develop closer communication between the membership and the Association with respect to these activities in behalf of the architectural profession. An adequate budget is required to accomplish these objectives.

Attention is called to the By-law provisions of Article VIII, sections 2 and 3, which provide that the amount of annual dues payable to the Association shall be determined by the annual convention, subject to the approval of a majority vote of the accredited delegates present, and provided further that the constituent organizations are notified at least 150 days before the annual convention of the proposed change in dues. The annual meeting and convention is scheduled to take place from October 6 to 9, 1966, at Whiteface Inn, Lake Placid, New York, exactly 158 days from the date of this notice.

It is recommended that each constituent organization notify its membership of the proposed increase in annual dues well in advance of the annual meeting and convention.

Respectfully submitted,

MAX M. SIMON
Secretary, NYSAA
RECREATION CENTER

CITY OF RYE RECREATION CENTER - RYE, NEW YORK

ARCHITECT:

ROBERT W. CROZIER & ASSOCIATES

The Rye Recreation Center is located on the southeast corner of the City's Recreation Park which includes a Baseball Diamond (this year the site of the Babe Ruth League Finals), Tennis Courts with lighting for night tennis, and outdoor Ice Skating Rink, outdoor Basketball Courts and Picnic Groves. The building serves all ages of the community with special emphasis on youth recreation. During the day the facilities are used by the Senior Citizens, the Garden Club, the Newcomers, Dance Classes, Exercise Groups for women, the Girl Scouts and Youth Recreation. On Friday and Saturday nights, the building serves as the Teenage Canteen.

A full size basement provides a Game Room, same size as and directly below the All Purpose Room, and a Club Room under the kitchen-lounge-office area on the first floor, as well as a work room, heating plant and storage facilities.

The structure is a combination of concrete block and curtain wall with laminated arches and deck over the all-purpose room. Some of the fenestration of the all-purpose room is colored glass. The Kitchen is complete with a soda fountain and hamburger grill as well as the normal furnishings. The interior wall finishes are wood paneling, plasterboard and painted block. The flat roof area is designed for a 2nd floor expansion.
New Institutional Finish from U.S. Plywood: Permacolor™ paneling, doors, movable walls factory-finished in 28 stainproof colors.

1. Product Description.

A pigmented, opaque, 2-ply, lightly embossed, dry film finish factory-applied by U. S. Plywood Corporation to Weldwood® architectural paneling, interior doors, and movable walls. The clear outer surface is a 1/2-mil thick layer of Tedlar® by DuPont. Tedlar is a delustered, polyvinyl fluoride film which is impervious to any known staining agent, solvent, or acid. Under this layer is an 8-mil dry film of polyvinyl chloride pigmented in any of 28 colors. The two layers are bonded together with adhesives, heat, and pressure.

2. Uses.

Provides specifiers and designers with freedom in the use of beautiful fade- and stain-resistant color for walls and doors in high traffic areas of offices, schools, hospitals, motels and hotels. Maintenance costs are significantly reduced because most soiling can be wiped away with soap and water.

3. Short Form Specifications.

Interior Finish for (doors, partitions, panels) shall be a two-ply laminate, consisting of a 1/2-mil (0.0005") oriented, clear, delustered, polyvinyl fluoride film bonded to 8-mil (0.008") pigmented, embossed, unsupported, plasticized polyvinyl chloride film. Applications of the two-ply laminate to door faces, wood panels or partitions shall be through roll lamination using heat and pressure. The laminated film finish shall meet the following tests and requirements:

**Color.**

The film color shall be uniform without lines, blotches and runs. The film shall not fade, change color or craze after 200 hours' exposure to a commercial carbon arc such as used in the Atlas Fade-O-Meter. Test shall be conducted in accordance with NEMA procedure LP2-2.06 method of test for color fastness of surface to light.

**Laminate Edges.**

(Door, Panel, Partition) edges shall be finished as detailed or specified.

**Standard Tests.**

Film laminates shall further comply with the following performance specifications when tested according to the following standard test procedures:

1. Resistance to NEMA LD1-2.01 Surface Wear
2. Resistance to NEMA LD1-2.05 Surface Staining-No Staining
3. Color Fastness NEMA LD1-2.06 of Surface to Light-No Change
4. Scrubbability Gardner Wash-ability Tester No significant wear after 1000 strokes of a stiff hog bristle brush and a cake grit cleaner applied every 200 strokes.

4. Long Form Specifications.

Interior Finish for (doors, partitions, panels) shall be a two-ply laminate consisting of a 1/2-mil (0.0005") oriented, clear, delustered, polyvinyl fluoride film bonded to 8-mil (0.008") pigmented, embossed, unsupported, plasticized polyvinyl chloride film. The substrate shall be sanded uniformly smooth without line patterns, chatter marks, digs, or burnishes. Application of the two-ply film laminate to door faces, wood panels or partitions shall be through roll lamination using heat and pressure.

5. Availability and Technical Services.

Permacolor finished Weldwood paneling, doors, and movable walls are available through U. S. Plywood Corporation branches. Movable walls are also available through selected installers. Our Architects’ Services Representatives will be happy to assist you with design and engineering problems and suggesting specifications. Write for data.

U.S. Plywood Corporation
Dept. NA8-66, 777 Third Avenue, New York, N. Y. 10017

EMPIRE STATE ARCHITECT — SEPTEMBER-OCTOBER, 1966 / 45
HILLYARD

...the most widely recommended and APPROVED LINE of floor treatments and finishes

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<td>Allan R. Ely</td>
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<td>548 Brooksite Drive</td>
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<td>Livonia</td>
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The Aspen Award was created in 1964 by the Aspen Institute for Humanistic Studies, Aspen, Colorado, to honor "that person anywhere in the world judged to have made the greatest contribution to man's understanding of his own nature, purposes, and destiny." Dr. Constantinos Doxiadis was chosen for this Award from more than 100 artists, scholars, writers, poets, philosophers, and statesmen who had been nominated by leaders in intellectual and professional fields throughout the world. The decision was made by a Selection Board comprising Frederick Burkhardt, President of the American Council of Learned Societies; Whitney J. Oates, Avalon professor of humanities at Princeton University and President of the United Chapters of Phi Beta Kappa; Lord Franks, Provost of Worcester College, Oxford University; Henry Allen Moe, President of the American Philosophical Society and Chairman of the new Endowment for the Humanities; and Alvin C. Eurich.

Dr. Doxiadis, renowned Greek architect and city-planner accepted on July 29, 1966, the largest tribute in the world for humanistic achievement, with these words: "Gur habitat is the world of man, our goal can only be human happiness and safety leading to the human city."

An audience of worldwide representation listened with great interest as Doxiadis told them of the frequent isolation of man within tall buildings, and of man's failure to build cities where happiness is possible, in his address, entitled "Anthropocosmos - the World of Man."

The inscription on the Award certificate, read to the Convocation by Alvin Eurich, President of the Aspen Institute states:

"To
Constantinos Doxiadis
Who, through a developing philosophy of human settlements, has redesigned the environment of more than ten million people and thereby lifted man's hopes, aspirations, and spirit.

Doxiadis plans to donate the $30,000 to his Center for the Study of Ekistics in Athens, Greece, to help that school in its effort to create the city of man.

Doxiadis stated in his address that "We are developing a technology that is changing our life, yet we have no goal for it. No businessman would buy machinery at random when building a factory, no housewife would collect furniture at random for her home. And yet this is exactly what we are doing in the case of our cities, the physical expression of our life." He spoke of the inadequacy of many old conceptions and the need for new ones, and said that there is little comfort for him in the common belief that man will "adapt" to his cities, for "adaptation is only meaningful if it means the welfare of man. Prisoners too become adapted... For man to adapt to our present cities would be a mistake since he is the great prisoner."

Doxiadis concluded his address with these thoughts: A continuing increase of population may well reach 20-30 billion people by the end of the next century, at which time it may level off. This will mean a universal city, ecumenopolis, which will cover the earth with a continuous network of minor and major urban concentrations of different forms. This means that urbanization will continue, and that eventually farming may be carried out from urban settlements. But, more than with all separate phenomena, we should be concerned with the survival of man, who, long before the earth has exhausted its capacity for production, will be subjected to great forces pressing him to the point of extinction - forces caused by the elimination of human values in his settlements.

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MORAL—The architect and his associated professional engineers should agree in advance on shop drawings procedures and stamps. The general contractor should be required to approve all shop drawings in writing or by stamp and forward them to the architect/engineer only when, and if, they meet his approval.

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NOTE: Additional booths, too late to include in this listing, will appear in the printed program distributed at the convention.
This is the year of the change — and the changes are all improvements. New cabinet hardware, new faucets, improved appearance and design, new undersink cabinet grills, larger refrigerators with larger freezers and magnetic door gaskets, infinite speed switches on the electric ranges, and even new model numbers. Be sure and bring your files up to date and if possible sit down with a Dwyer representative for 15 or 20 minutes to go over the new Dwyer Kitchens in detail. Write for a 1966 architectural file.

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**ADVANTAGES**

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- **TO OWNERS** Factory assembled perfection from a pioneer door manufacturer
- **TO OWNERS** Ultimate protection, safety and cleanliness — Easy to maintain — Minimum of moving parts for lifetime efficiency

**SPECIFICATIONS**

Completely assembled integrated unit consists of a door panel assembly with necessary hardware and frame with a sill.

Made of stainless steel (or plain steel). Minimum gauges #16 for jambs and head and both sides of door panel. #14 gauge for sills. Construction shall be in the best standards and practices of the manufacturer. They will consist of a rectangular frame and sill with masonry jamb anchors and with removable top hung door panel assembly.

Door panels shall be of reinforced hollow metal construction 1" thick and filled with fireproof acoustical filler. The door panel shall be approved with top hung horizontal slide hardware riding in a formed horizontal guide. Adjustment shall be provided to permit vertical adjustment of door panel and removal of the door panel if necessary.

Cavity enclosure of #16 plain steel shall be provided to permit unobstructed travel of the door panel and this enclosure shall be part of the frame.

All stainless steel material to be 302 #4 finish. All plain steel materials to have factory prime coat. A plunger type sliding door lock and flush pull will be provided. This will lock the door in closed position and allow door to be unlocked only from interior.

**ALTERNATE CONSTRUCTION** In the event of a very thin or thick wall, delete reference to cavity enclosure and specify that horizontal sliding door panel shall be placed on the interior side of the wall together with an exposed cavity to be mounted as part of the inner side of frame.

**OPTIONAL FEATURES** Plain steel units shop primed. Plain steel units with stainless steel sills. Plain steel door panels with stainless frame and sill. All stainless steel units. Plate glass panel can be furnished in lieu of solid panel when required.

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